

GPS/GIS Technologies  
Supplement 1.2

**Pre/Post Test Key**

1. GIS stands for \_\_\_\_\_.  
☐ Global Information System  
☐ Geological Information System  
☒ Geographic Information System  
☐ Global Information Service
2. GPS stands for \_\_\_\_\_.  
☐ Geographic Public Services  
☐ Geometric Problem Solving  
☒ Global Positioning System  
☐ Government Performance Standards
3. The components of GIS are \_\_\_\_\_.  
☒ geography, data, a computer and a thinking operator  
☐ geography, data and a computer  
☐ textbooks, data and students  
☐ global positioning system and a thinking operator
4. The virtue(s) of GIS is (are) \_\_\_\_\_.  
☐ that human interaction is not needed  
☒ its speed of operations and its flexibility of changing what-if scenarios and data  
☐ all of the above  
☐ none of the above
5. GIS cannot be used to \_\_\_\_\_.  
☐ document archaeological sites and findings  
☒ decide moral issues – right from wrong  
☐ profile bank customers by branch office  
☐ research wildlife habitat in a national park, because of prohibiting Federal Laws  
☐ study underground water contamination patterns
6. GPS is an array of \_\_\_\_\_ satellites.  
☐ 4  
☐ 8  
☐ 16  
☒ 24
7. GPS satellites orbit around the earth, launched and administered by the \_\_\_\_\_.  
☐ NASA  
☒ The Department of Defense  
☐ The Department of the Interior  
☐ The Department of Agriculture

8. GPS uses \_\_\_\_\_ to establish positional accuracy.
- ☐ radio signals
  - ☐ lab top computers
  - ☒ triangulation
  - ☐ satellite
9. SATLOC \_\_\_\_\_.
- ☐ unscrambles GPS satellites
  - ☐ uses error correction to determine correct positional data
  - ☐ communicates with the GPS unit
  - ☒ all of the above
  - ☐ only the first two
10. The minimum number of satellites needed to determine a single location is \_\_\_\_.
- ☐ 1
  - ☐ 2
  - ☒ 4
  - ☐ 6
11. SATLOC calculates \_\_\_\_\_.
- ☐ the speed of the satellite
  - ☐ the time it takes to complete this test
  - ☒ the distance from the satellite to the GPS unit
  - ☐ the time it takes for a radio signal to go between satellites in space